

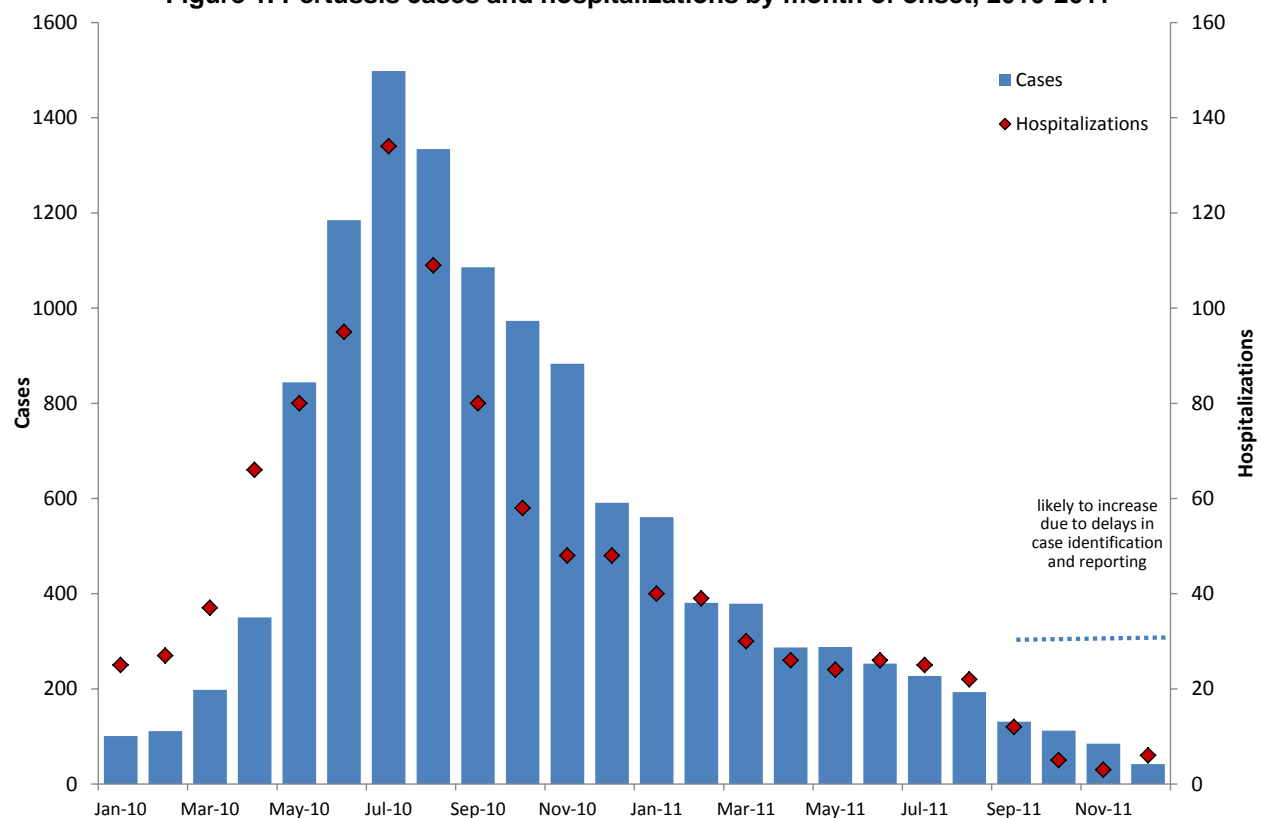


Pertussis Report

December 6, 2012

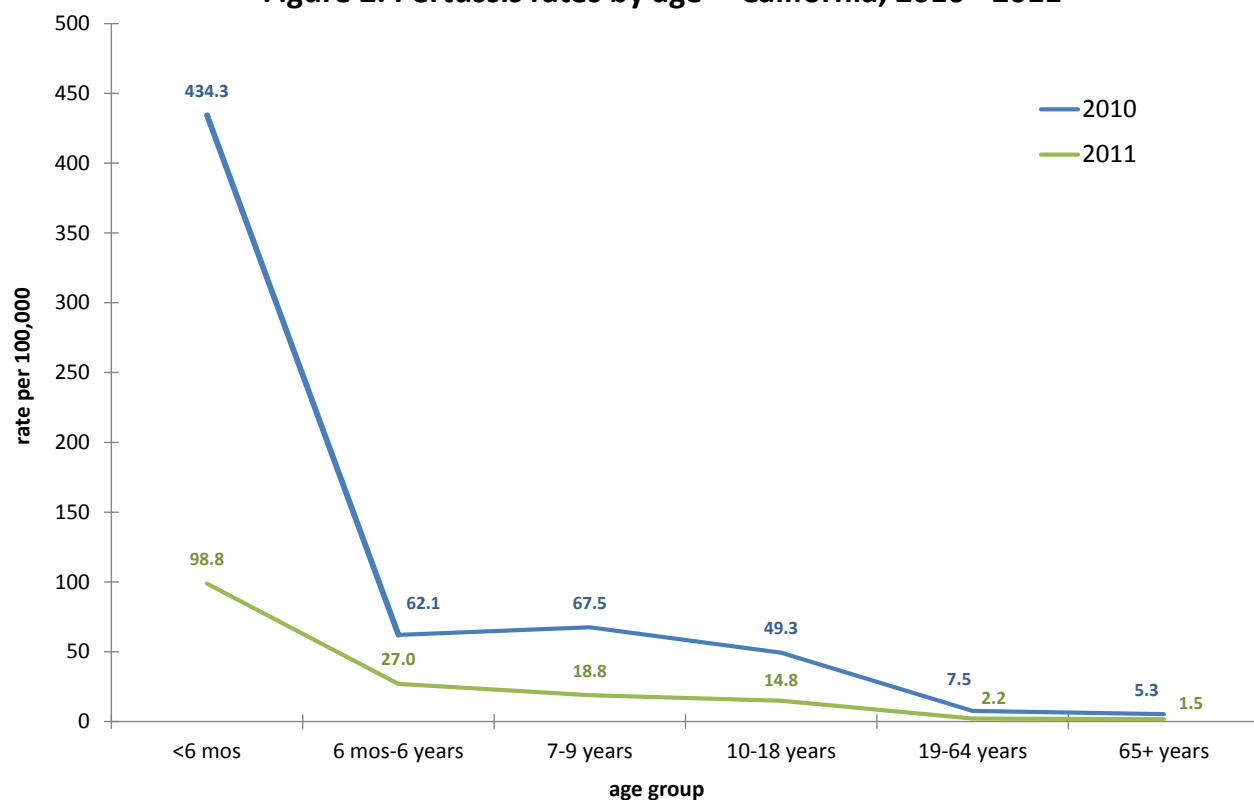
- **New in this report:** No pertussis deaths have been reported in California since October of 2010. From January-October 2010, 455 infants ≤ 3 months of age were hospitalized and 10 infants died of pertussis (fatality rate of 2.2% among hospitalized). Since that time, there have been 244 known hospitalized infants ≤ 3 months of age but no fatalities.
- **2011: 2,937 cases with onset in 2011** have been reported to CDPH. The state rate is **7.4 cases/100,000**. Data for 2011 are not yet complete and will be finalized in the spring of 2012.
 - Disease activity in 2011 has been at relatively increased levels throughout the state, however the number of new cases reported in recent months has declined (Figure 1).
 - 258 (10%) cases have been hospitalized (of 88% with complete data).
 - Most (204; 79%) were infants <6 months of age.
 - No deaths have been reported.
 - Cases have been reported from 52 (85%) of 61 local health jurisdictions.
 - 203 new cases have been reported since the last update on 11/10/2011.
 - As was seen in 2010, the highest rates of disease have been reported in infants <6 months of age (Figure 2).
- **2010: 9,154 cases with onset in 2010** have been reported to CDPH for a state rate of **23.4 cases/100,000**. This number has been adjusted from prior reports.
 - This is the most cases reported in 63 years when 9,394 cases were reported in 1947, a peak year, and the highest incidence in 52 years when a rate of 26.0 cases/100,000 was reported in 1958. Previously, the peak was in 2005 when there were 3,182 cases reported.
 - 809 (9%) cases were hospitalized
 - 446 (55%) of hospitalized cases were infants <3 months of age and 584 (72%) were infants <6 months of age.
 - 454 (80%) of the hospitalized infants <6 months of age with known race and ethnicity were Hispanic.
 - Ten deaths were reported; 9 (90%) were Hispanic infants.
 - The case-fatality rate among infants <3 months of age is 1.3%.
 - Case Classification:
 - Confirmed: 60%
 - Probable: 19%
 - Suspect: 21%

Figure 1. Pertussis cases and hospitalizations by month of onset, 2010-2011*



*Includes cases reported to CDPH by 1/6/2012

Figure 2. Pertussis rates by age -- California, 2010 - 2011*



*Includes cases reported to CDPH as of 1/6/2012

Table 1. Pertussis cases reported to CDPH by local health jurisdiction -- California, 2010-2011

	2010¶		2011*	
	Cases	Rate	Cases	Rate
CALIFORNIA	9154	23.39	2937	7.41
ALAMEDA	424	29.38	194	13.34
City of Berkeley†	13	12.13	3	2.80
ALPINE	0	0.00	0	0.00
AMADOR	4	9.92	13	31.66
BUTTE	32	13.91	16	6.81
CALAVERAS	9	18.85	5	10.28
COLUSA	11	46.24	1	4.11
CONTRA COSTA	205	19.05	111	10.17
DEL NORTE	16	51.64	0	0.00
EL DORADO	55	29.05	11	5.72
FRESNO	550	55.92	58	5.77
GLENN	1	3.24	1	3.17
HUMBOLDT	59	43.77	16	11.80
IMPERIAL	9	4.74	3	1.54
INYO	8	41.70	0	0.00
KERN	377	43.25	50	5.60
KINGS	26	15.80	8	4.75
LAKE	5	7.40	3	4.37
LASSEN	1	2.64	0	0.00
LOS ANGELES	1303	13.20	630	6.34
City of Long Beach†	68	13.80	16	3.25
City of Pasadena†	24	15.98	14	9.32
MADERA	120	74.02	6	3.59
MARIN	351	138.36	27	10.63
MARIPOSA	10	52.33	1	5.16
MENDOCINO	27	28.98	2	2.13
MERCED	131	47.82	27	9.61
MODOC	0	0.00	0	0.00
MONO	18	121.35	2	13.22
MONTEREY	132	30.47	35	8.00
NAPA	25	17.51	11	7.60
NEVADA	24	23.38	2	1.93
ORANGE	499	15.46	140	4.30
PLACER	50	14.39	19	5.35
PLUMAS	2	9.16	6	27.36
RIVERSIDE	469	20.95	157	6.82
SACRAMENTO	189	13.02	72	4.90
SAN BENITO	7	10.90	4	6.06
SAN BERNARDINO	182	8.36	111	5.01
SAN DIEGO	1141	35.66	385	11.90
SAN FRANCISCO	142	17.36	67	8.15
SAN JOAQUIN	84	11.33	30	3.94
SAN LUIS OBISPO	371	137.54	17	6.25
SAN MATEO	189	25.66	56	7.57
SANTA BARBARA	65	14.96	19	4.35
SANTA CLARA	481	26.18	184	9.93
SANTA CRUZ	87	32.46	22	8.15
SHASTA	32	16.69	26	13.34
SIERRA	0	0.00	0	0.00
SISKIYOU	10	21.23	0	0.00
SOLANO	39	8.84	5	1.12
SONOMA	246	49.66	116	23.21
STANISLAUS	159	28.41	43	7.51
SUTTER	5	4.89	1	0.94
TEHAMA	10	15.25	1	1.49
TRINITY	0	0.00	0	0.00
TULARE	231	49.48	74	15.44
TUOLUMNE	32	54.49	4	6.74
VENTURA	372	43.46	106	12.25
YOLO	17	8.25	6	2.86
YUBA	5	6.22	0	0.00

¶Data have been updated from previous reports

*Data are preliminary and include cases reported to CDPH as of 1/6/2012

†City health jurisdictions not included in county total